



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
31.01.2001 Bulletin 2001/05

(51) Int Cl.7: **B24B 9/14**

(43) Date of publication A2:
02.12.1998 Bulletin 1998/49

(21) Application number: **98250174.4**

(22) Date of filing: **22.05.1998**

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE
 Designated Extension States:
AL LT LV MK RO SI

(30) Priority: **26.05.1997 JP 15163697**

(71) Applicant: **Kabushiki Kaisha TOPCON**
Tokyo 174-0052 (JP)

(72) Inventors:
 • **Suzuki, Yasuo, c/o Kabushiki Kaisha TOPCON**
Tokyo 174-0052 (JP)
 • **Watanabe, Kenichi,**
c/o Kabushiki Kaisha TOPCON
Tokyo 174-0052 (JP)
 • **Eto, Yasuto, c/o Kabushiki Kaisha TOPCON**
Tokyo 174-0052 (JP)

(74) Representative: **Pfenning, Meinig & Partner**
Mozartstrasse 17
80336 München (DE)

(54) **Spectacle lens shape measuring apparatus**

(57) An apparatus is provided for measuring the contour of a lens frame of an eyeglass frame and measuring the shape of a template. The apparatus has at

least a pair of holding hooks (43, 44) for holding the rim of the eyeglass frame from above and below. The apparatus is constructed to hold a template holder (100) of a template (T) by the holding hooks (43, 44).

FIG. 1(a)

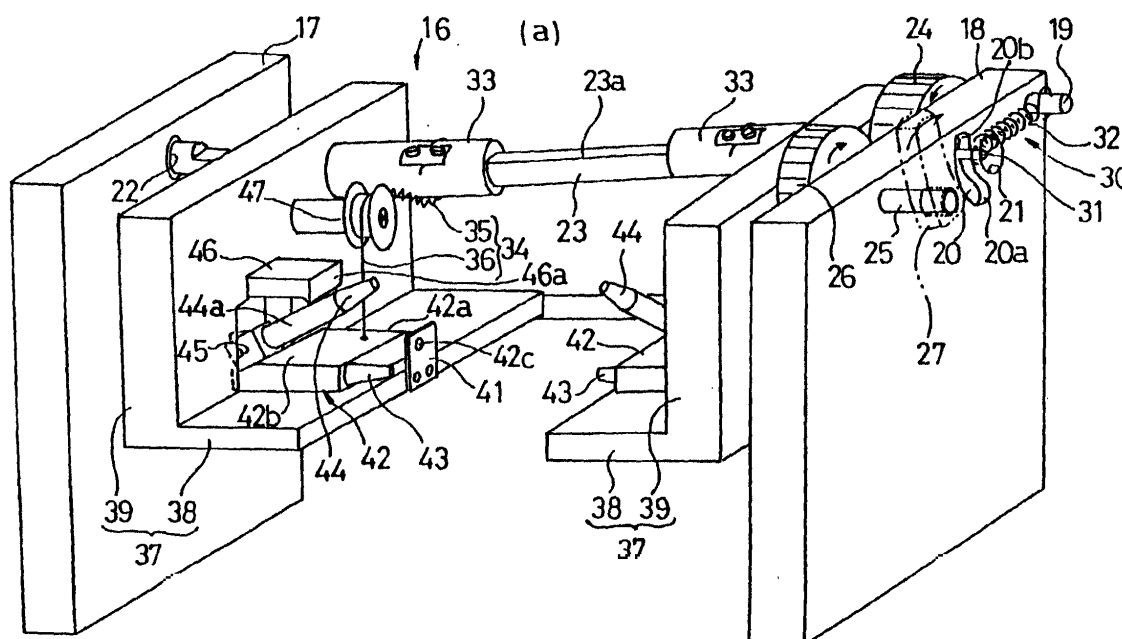


FIG. 1(b)

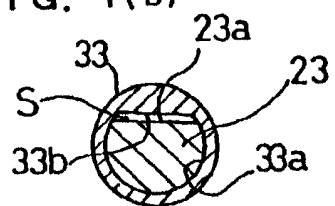


FIG. 1(c)

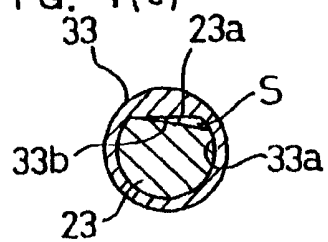
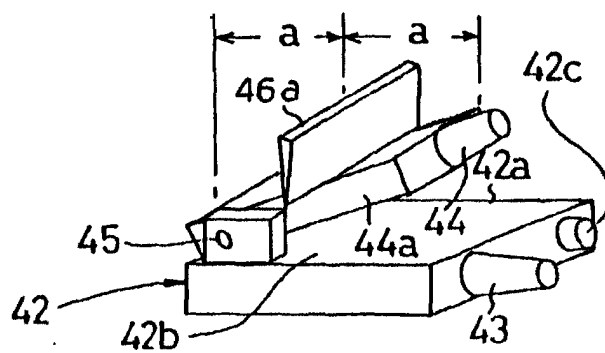


FIG. 1(d)





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 98 25 0174

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
D,X	US 5 228 242 A (MATSUYAMA YOSHINORI) 20 July 1993 (1993-07-20) * column 3, line 40 - column 8, line 10; figures 2,3,9 *	1,3-6	B24B9/14
A	DE 41 07 894 A (NIKON CORP.) 19 September 1991 (1991-09-19) * figure 1 *	1,3-6	
D,A	PATENT ABSTRACTS OF JAPAN vol. 016, no. 163 (P-1341), 21 April 1992 (1992-04-21) & JP 04 012215 A (TOPCON CORP), 16 January 1992 (1992-01-16) * abstract; figures 2,3,13 *	1,3-6	
A	EP 0 160 985 A (TOKYO OPTICAL) 13 November 1985 (1985-11-13) * page 11, line 10 - page 11, line 18; figure 4 *	1,3-6	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B24B G02C
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 14 December 2000	Examiner Gelder, K
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 98 25 0174

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

14-12-2000

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5228242 A	20-07-1993	JP 2925685 B	28-07-1999
		JP 4093163 A	25-03-1992
		DE 4115372 A	06-02-1992
		FR 2665387 A	07-02-1992
DE 4107894 A	19-09-1991	JP 2979418 B	15-11-1999
		JP 3261814 A	21-11-1991
		FR 2659440 A	13-09-1991
JP 04012215 A	16-01-1992	JP 2111638 C	21-11-1996
		JP 7101173 B	01-11-1995
EP 0160985 A	13-11-1985	JP 1982974 C	25-10-1995
		JP 5058861 B	27-08-1993
		JP 60238264 A	27-11-1985
		DE 3587514 A	16-09-1993
		DE 3587514 T	23-12-1993

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82